

AMENDMENTS TO THE CLAIMS

1. (currently amended) A brazing sheet comprising:
an aluminum 3xxx series core alloy,
~~wherein at least one side thereof is provided with~~
a first layer of an aluminum clad material disposed on one side of said core alloy, wherein said
first layer comprises comprising
from 0.7-2.0% Mn, and
0.7-3.0% Zn,
~~wherein said clad is capable of being used as the inner liner of a heat exchanger tube~~
~~product~~and 0.05-0.4% Cu.
2. (original) A brazing sheet of claim 1, wherein another side of said core is provided with an aluminum alloy comprising at least 5.5% Si.
3. (canceled)
4. (canceled)
5. (original) A heat exchanger tube prepared from a brazing sheet according to claim 1.
6. (original) Braze tube stock prepared from a sheet according to claim 1.
7. (currently amended) A method for reducing corrosion and/or erosion associated with fluid velocity in the interior of heat exchanger tubes comprising:

providing a brazing sheet material that includes an inner clad layer wherein said inner clad layer comprises including

from 0.7-3.0% Zn, ~~and from 0.7-2.0% Mn and 0.05-0.4% Cu,~~

forming a heat exchanger tube wherein

said inner clad is present on the interior of said heat exchanger tube.

8. (previously presented) A method according to claim 7, wherein said method imparts a reduction from between 10% to 60% of the erosion/corrosion compared to AA7072 as measured by maximum pit depth in microns for fluid velocity rates from 0.9 m/second – 3.0 m/second.
9. (previously presented) A method according to claim 7, wherein said method imparts a reduction from between 10% to 60% of the erosion/corrosion compared to AA7072 as measured by average pit depth in microns for fluid velocity rates up to 5.0 m/second .
10. (previously presented) A method according to claim 7, wherein said method imparts a reduction from between 10% to 60% of the erosion/corrosion compared to AA7072 as measured by maximum pit depth in microns for fluid velocity rates up to 5m/second.
11. (Original) A method according to claim 7, wherein said brazing sheet material includes an outer clad layer comprising at least 5.5% Si.
12. (Original) A heat exchanger prepared according to the method of claim 7.
13. (Original) A heat exchanger prepared using a brazing sheet according to claim 1.
14. (Original) A brazing sheet according to claim 1 that has a thickness of 0.007” - 0.015”.
15. (Original) A heat exchanger according to claim 12, that has been formed from a brazing sheet having a size of 0.007” - 0.015”.
16. canceled
17. (previously presented) A heat exchanger as claimed in claim 13, that shows substantially no difference in maximum and/or average pit depth after being exposed to fluid velocities from 0.94 m/second – 2.36 m/second for 250 hours.
18. (previously presented) Tube stock according to claim 6, wherein said tube stock will have a maximum pit depth of up to 40 microns when exposed to a fluid at a velocity of 2.36 m/second for 250 hours.